Claims after this response:

1. (Canceled)

2. (Previously Presented) An electrical interconnection comprising:

a first planar transmission device having a first conductive region with a first edge;

a second planar transmission device having a second conductive region with a second edge, the second edge being offset from the first edge; and

a bond wire coupled to the first edge with a first bond and to the second edge with a second bond;

wherein the first bond includes a first ball bond and a first intermediate bond, the first intermediate bond being closer to the first edge than the first ball bond; and

wherein the first conductive region is a first center conductor of a first planar transmission line, the second conductive region is a second center conductor of a second planar transmission line, and the electrical interconnection further comprises

a first opposite edge of the first center conductor;

a second opposite edge of the second center conductor; and

a second bond wire coupled to the first opposite edge with a third bond and to the second opposite edge with a fourth bond.

3. (Previously Presented) An electrical interconnection comprising:

a first planar transmission device having a first conductive region with a first edge;

a second planar transmission device having a second conductive region with a second edge, the second edge being offset from the first edge; and

a bond wire coupled to the first edge with a first bond and to the second edge with a second bond;

wherein the first bond includes a first ball bond and a first intermediate bond, the first intermediate bond being closer to the first edge than the first ball bond; and

wherein the first conductive region is a first center conductor of a first planar transmission line, the second conductive region is a second center conductor of a second planar transmission line, and the electrical interconnection further comprises

a first opposite edge of the first center conductor;

a second opposite edge of the second center conductor; and

a second bond wire coupled to the first opposite edge with a third bond and to the second opposite edge with a fourth bond;

wherein the first opposite edge is offset from the second opposite edge.

4. (Currently Amended) The electrical interconnection of Claim 2

~~An electrical interconnection comprising:~~

~~a first planar transmission device having a first conductive region with a first edge;~~

~~a second planar transmission device having a second conductive region with a second edge, the second edge being offset from the first edge; and~~

~~a bond wire coupled to the first edge with a first bond and to the second edge with a second bond;~~

~~wherein the first bond includes a first ball bond and a first intermediate bond, the first intermediate bond being closer to the first edge than the first ball bond; and~~

wherein the first center conductor is wider than the second center conductor.

5. (Currently Amended) An electrical interconnection comprising:

a first planar transmission device having a first conductive region with a first edge;

a second planar transmission device having a second conductive region with a second edge, the second edge being offset from the first edge; and

a bond wire coupled to the first edge with a first bond and to the second edge with a second bond,

wherein the first bond includes a first ball bond and a first intermediate bond, the first intermediate bond being closer to the first edge than the first ball bond; and

wherein the distance between the first intermediate bond and the second bond is smaller than the distance between the first ball bond and the second bond.

6. (Previously Presented) An electrical interconnection comprising:

a first planar transmission device having a first conductive region with a first edge;

a second planar transmission device having a second conductive region with a second edge, the second edge being offset from the first edge; and

a bond wire coupled to the first edge with a first bond and to the second edge with a second bond;

wherein the first bond includes a first ball bond and a first intermediate bond, the first intermediate bond being closer to the first edge than the first ball bond; and

wherein the first conductive region is a first center conductor of a first planar transmission line, the second conductive region is a second center conductor of a second planar transmission line, and the electrical interconnection further comprises

a first opposite edge of the first center conductor;

a second opposite edge of the second center conductor; and

a second bond wire coupled to the first opposite edge with a third bond and to the second opposite edge with a fourth bond;

wherein the third bond includes a second ball bond and a second intermediate bond, the first ball bond being closer to an end of the first center conductor than the second ball bond.

7. (Previously Presented) An electrical interconnection comprising:

a first planar transmission device having a first conductive region with a first edge;

a second planar transmission device having a second conductive region with a second edge, the second edge being offset from the first edge; and

a bond wire coupled to the first edge with a first bond and to the second edge with a second bond,

wherein the first bond includes a first ball bond and a first intermediate bond, the first intermediate bond being closer to the first edge than the first ball bond; and

wherein the first conductive region is a first center conductor of a first planar transmission line, the second conductive region is a second center conductor of a second planar transmission line, and the electrical interconnection further comprises

a first opposite edge of the first center conductor;

a second opposite edge of the second center conductor; and

a second bond wire coupled to the first opposite edge with a third bond and to the second opposite edge with a fourth bond;

wherein the third bond includes a second ball bond and a second intermediate bond, the first ball bond being closer to an end of the first center conductor than the second ball bond; and

wherein the first center conductor has a width less than or equal to twice a bond target width.

8. (Previously Presented) An electrical interconnection comprising:

a first planar transmission device having a first conductive region with a first edge;

a second planar transmission device having a second conductive region with a second edge, the second edge being offset from the first edge; and

a bond wire coupled to the first edge with a first bond and to the second edge with a second bond;

wherein the first bond includes a first ball bond and a first intermediate bond, the first intermediate bond being closer to the first edge than the first ball bond; and

wherein the first conductive region is a first center conductor of a first planar transmission line, the second conductive region is a second center conductor of a second planar transmission line, and the electrical interconnection further comprises

a first opposite edge of the first center conductor;

a second opposite edge of the second center conductor; and

a second bond wire coupled to the first opposite edge with a third bond and to the second opposite edge with a fourth bond;

wherein the first planar transmission device is a first microstrip transmission line and the second planar transmission device is a second microstrip transmission line.

9. (Previously Presented) An electrical interconnection comprising:

a first planar transmission device having a first conductive region with a first edge;

a second planar transmission device having a second conductive region with a second edge, the second edge being offset from the first edge; and

a bond wire coupled to the first edge with a first bond and to the second edge with a second bond,

wherein the first bond includes a first ball bond and a first intermediate bond, the first intermediate bond being closer to the first edge than the first ball bond; and

wherein the first conductive region is a first ground plane of a first co-planar transmission line and the second conductive region is a second ground plane of a second co-planar transmission line.

10. (Previously Presented) An electrical interconnection comprising:

a first planar transmission device having a first conductive region with a first edge;

a second planar transmission device having a second conductive region with a second edge, the second edge being offset from the first edge; and

a bond wire coupled to the first edge with a first bond and to the second edge with a second bond,

wherein the first bond includes a first ball bond and a first intermediate bond, the first intermediate bond being closer to the first edge than the first ball bond; and

wherein the first planar transmission device is a first slot line and the second planar transmission device is a second slot line.

11. (Previously Presented) An electrical interconnection comprising:

a first planar transmission device having a first conductive region with a first edge;

a second planar transmission device having a second conductive region with a second edge, the second edge being offset from the first edge; and

a bond wire coupled to the first edge with a first bond and to the second edge with a second bond,

wherein the first bond includes a first ball bond and a first intermediate bond, the first intermediate bond being closer to the first edge than the first ball bond; and

wherein the second planar transmission device comprises an integrated circuit and further comprising:

a second bond wire coupled to an opposite edge of the first conductive region with a third bond and to the second conductive region with a fourth bond.

12. (Canceled)

13. (Previously Presented) The electrical interconnection of Claim 17 wherein the first planar transmission device is a planar transmission line and the conductive region is a center conductor of the planar transmission line.

14. (Previously Presented) The electrical interconnection of Claim 17 wherein the component is a second planar transmission line having a second center conductor, the first bond wire being coupled to a first edge of the second center conductor, and the second bond wire being coupled to a second edge of the second center conductor.

15. (Previously Presented) The electrical interconnection of Claim 17 wherein the component is an integrated circuit.

16. (Canceled)

17. (Previously Presented) An electrical interconnection comprising:

a first planar transmission device having a conductive region with a first edge and a second edge;

a component;

a first bond wire coupled to a first edge with a first ball bond and a first intermediate bond, and to the component with a first end bond: and

a second bond wire coupled to the second edge with at least a second ball bond and to the component with a second end bond, wherein the first intermediate bond is closer to the first edge than the first ball bond.

18. (Previously Presented) The electrical interconnection of Claim 17 further comprising

a second intermediate bond coupling the second bond wire to the second edge, wherein the first ball bond is closer to an end of the center conductor than the second ball bond.

19. (Previously Presented) The electrical interconnection of Claim 17 wherein the conductive region of the first planar transmission device comprises a first center conductor

and wherein the component is a second planar transmission line having a second center conductor narrower than the first center conductor.

20. (Previously Presented) The electrical interconnection of Claim 17 wherein the first planar transmission device is a first coplanar stripline transmission structure having a first center conductor and a second center conductor and the component is a second coplanar stripline transmission structure having a third center conductor and fourth center conductor.

21. (Canceled).

22. (Canceled).